

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2000-182945

(43)Date of publication of application : 30.06.2000

(51)Int.Cl.

H01L 21/027

C04B 35/563

C04B 35/565

G03F 7/20

(21)Application number : 10-361452

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(22)Date of filing : 18.12.1998

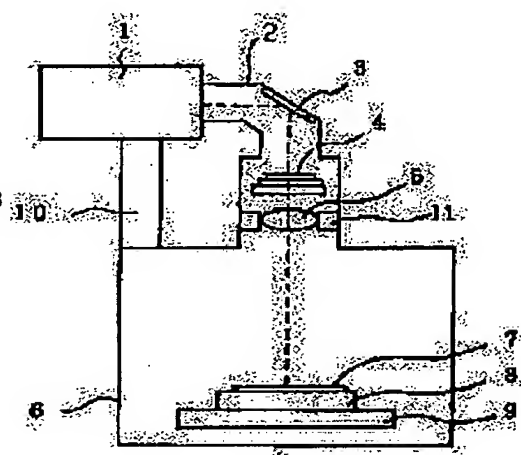
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(54) MEMBER FOR SEMICONDUCTOR ALIGNER

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a member for semiconductor aligner used appropriately for a supporting member where a member to be exposed is mounted for high-speed drive, with less loading, while hard to vibrate, on a drive system even at fast movement, even with a larger aligner.

SOLUTION: A semiconductor aligner member such as a wafer supporting member like a susceptor 8 and a stage 9 and an optical-system supporting member like a reticule stage 4 is configured of a sintered body whose main component is silicon carbide and/or boron carbide with specific weight $3.5 \times 10^3 \text{N/m}^3$ or less, modulus of elasticity $10 \times 10^6 \text{N/m}$ or above, and average crystal particle size $50 \mu\text{m}$ or below.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]